

FIG. 1 is a block diagram of an aircraft data system.

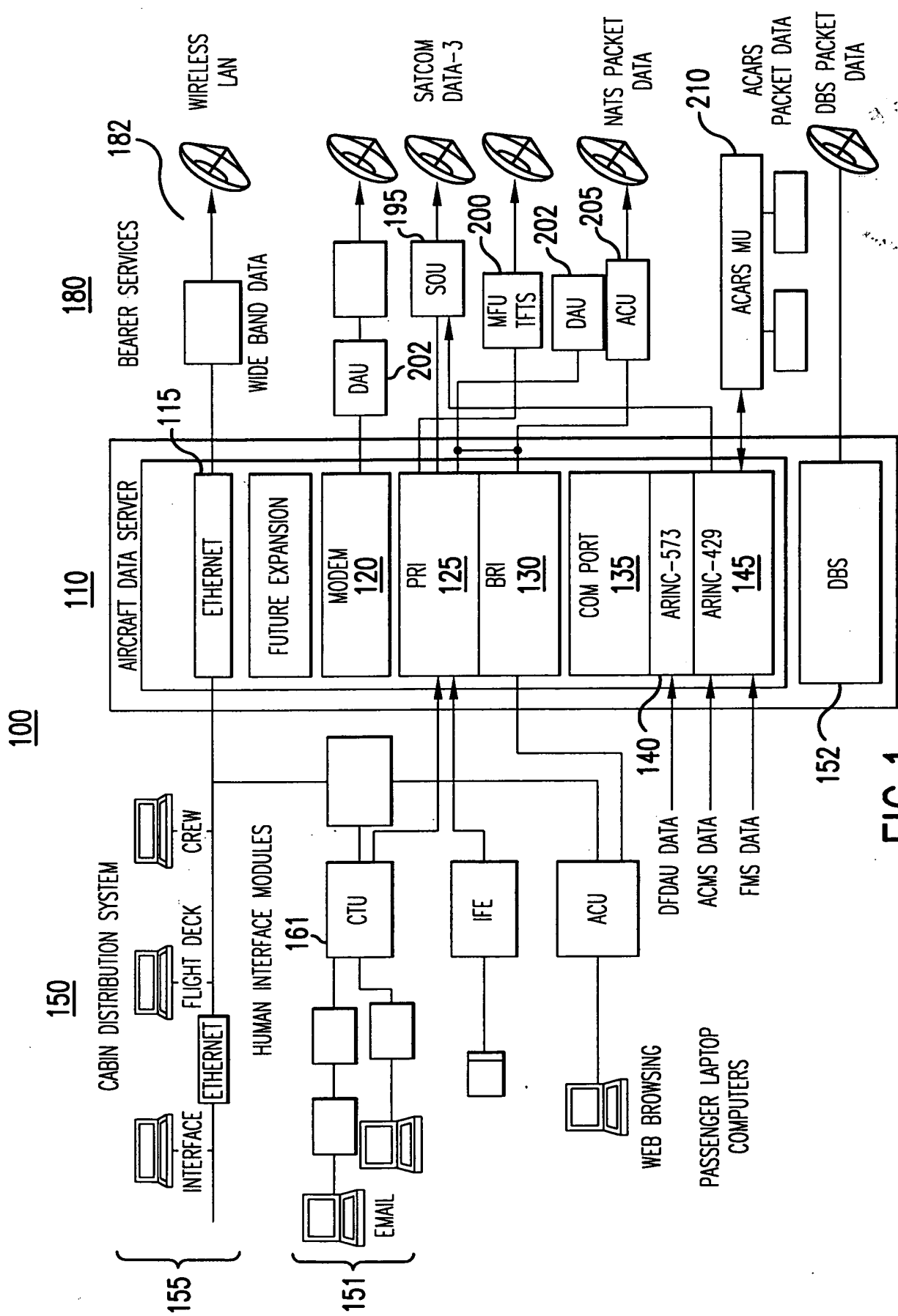


FIG. 1

110

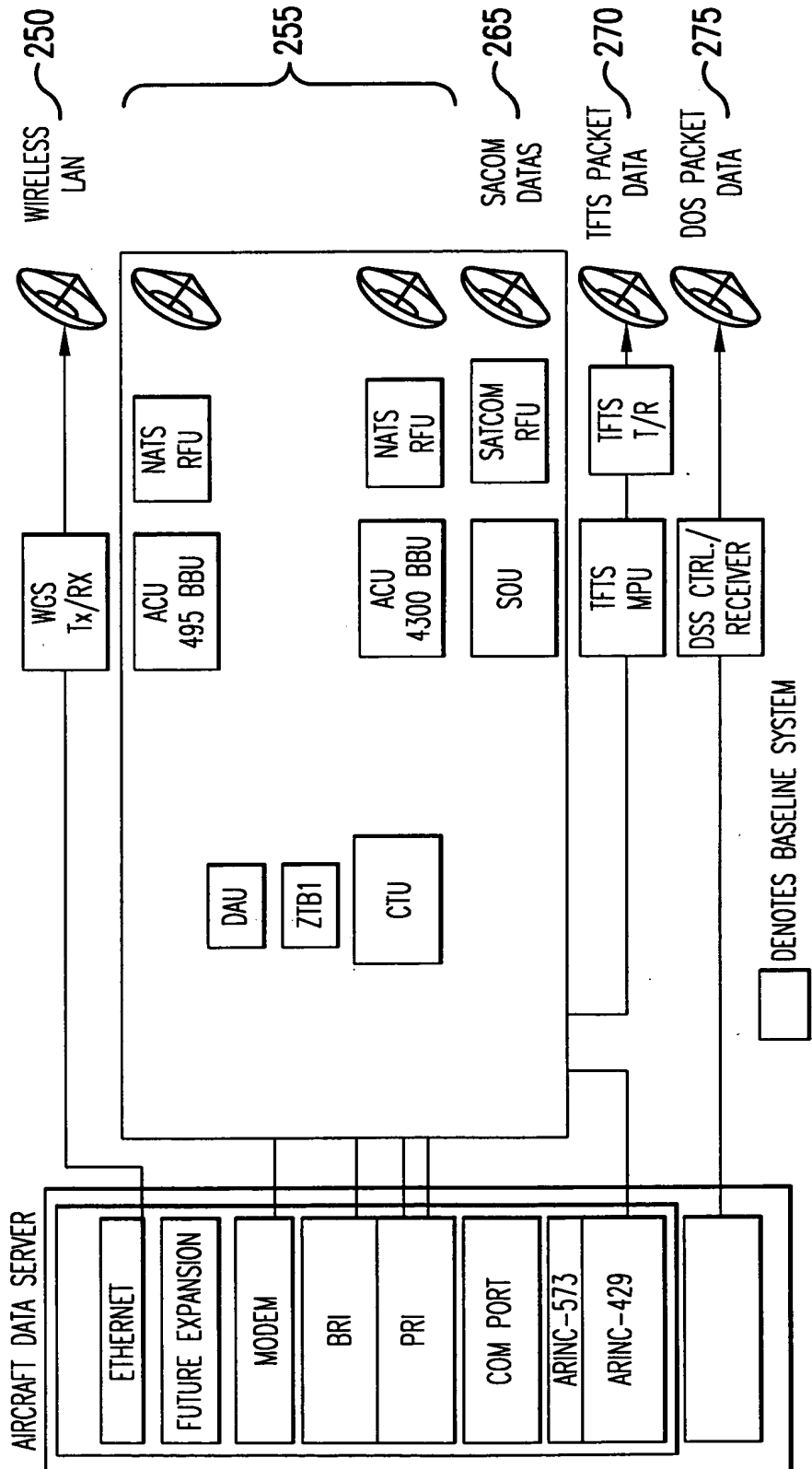


FIG.2



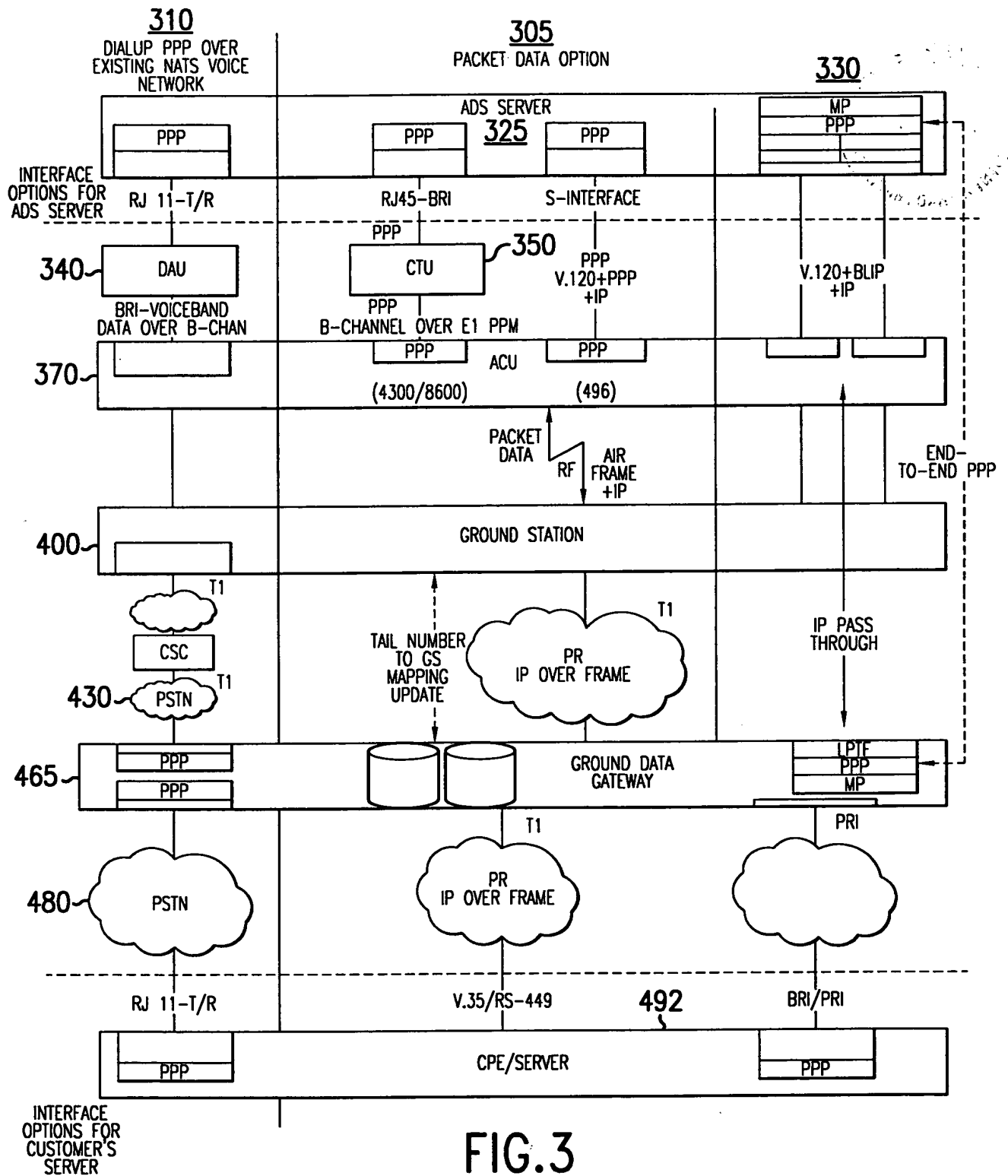


FIG.3

500

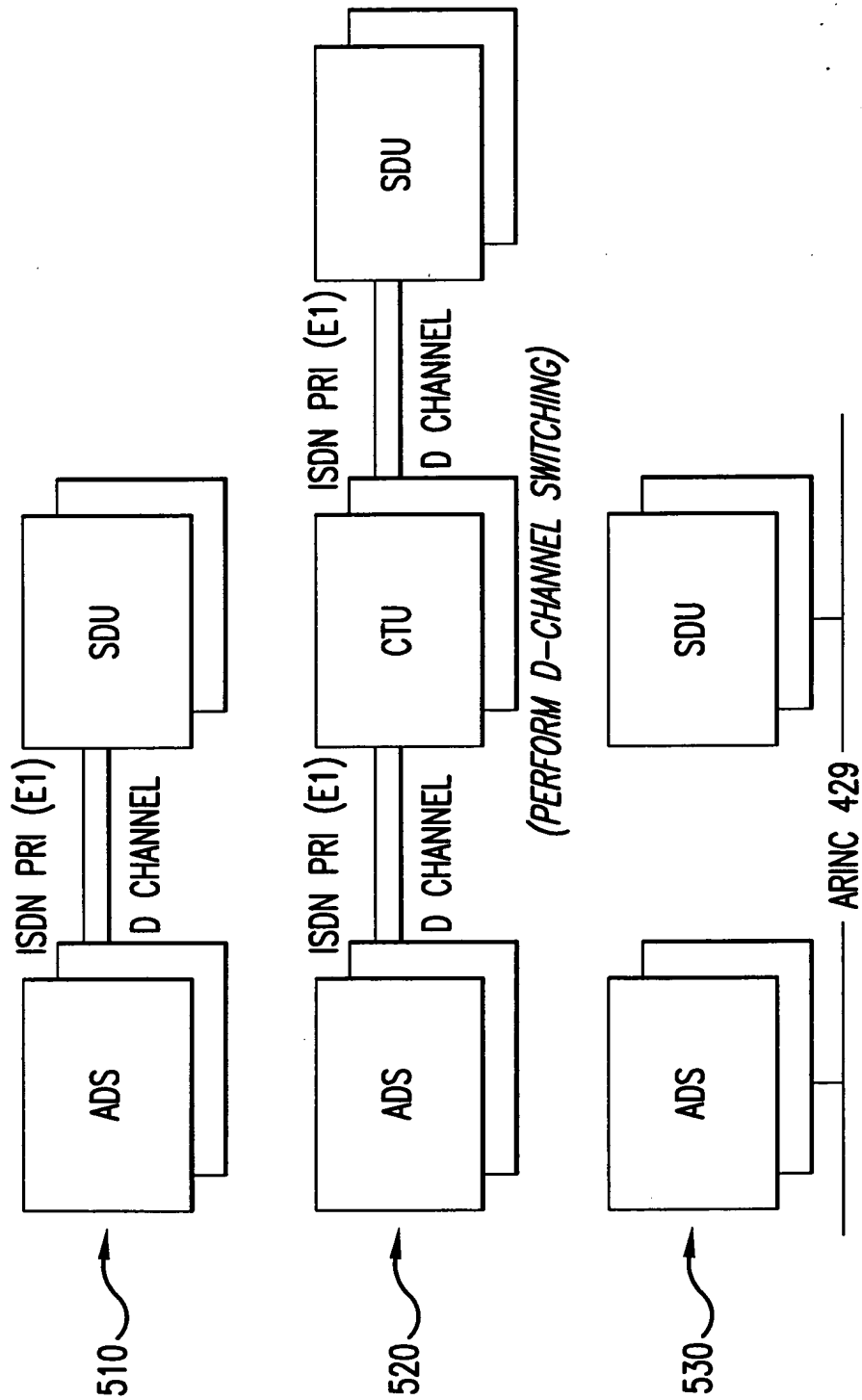


FIG. 4

600

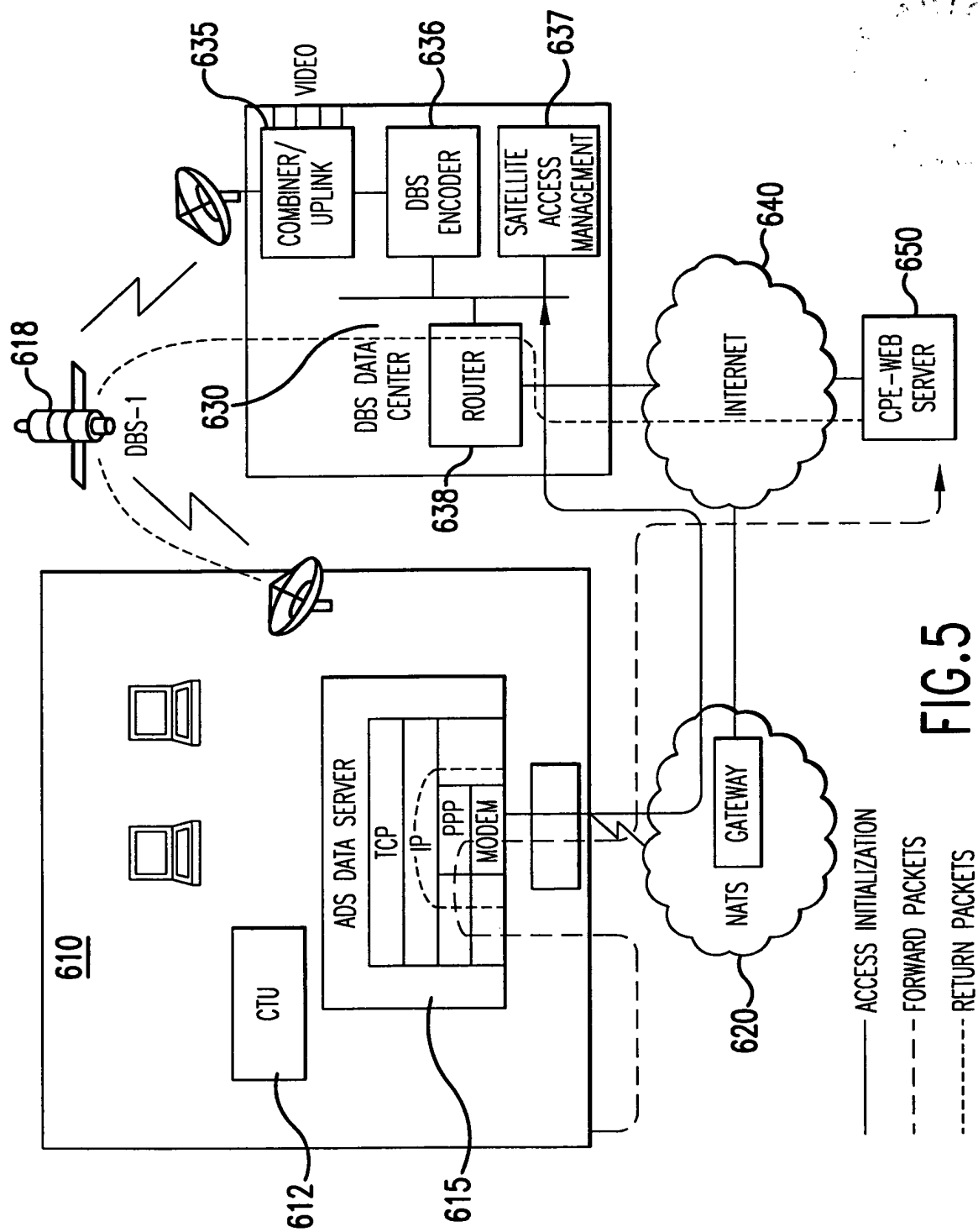


FIG. 5

— ACCESS INITIALIZATION
 --- FORWARD PACKETS
 - - - RETURN PACKETS

605

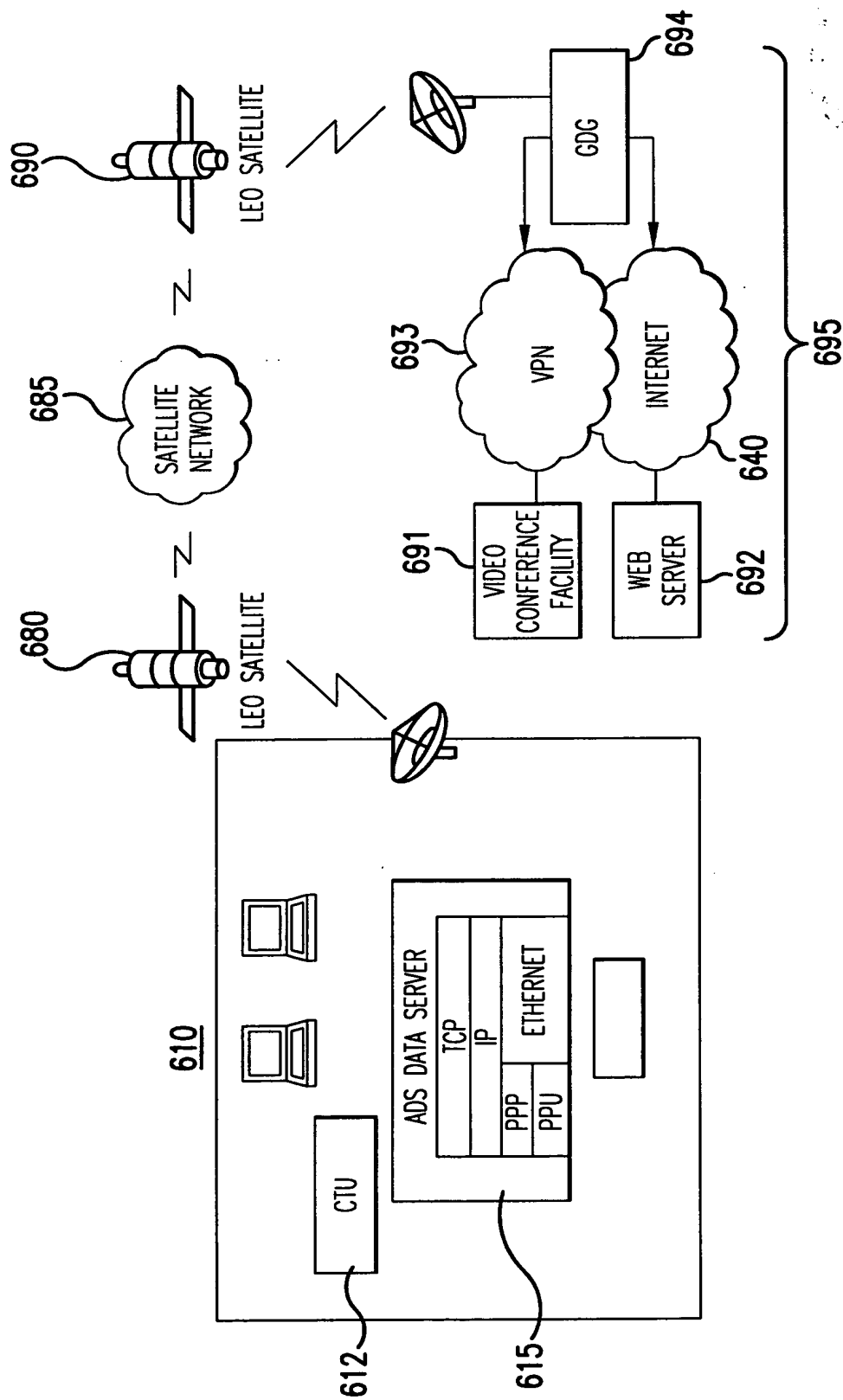


FIG. 6

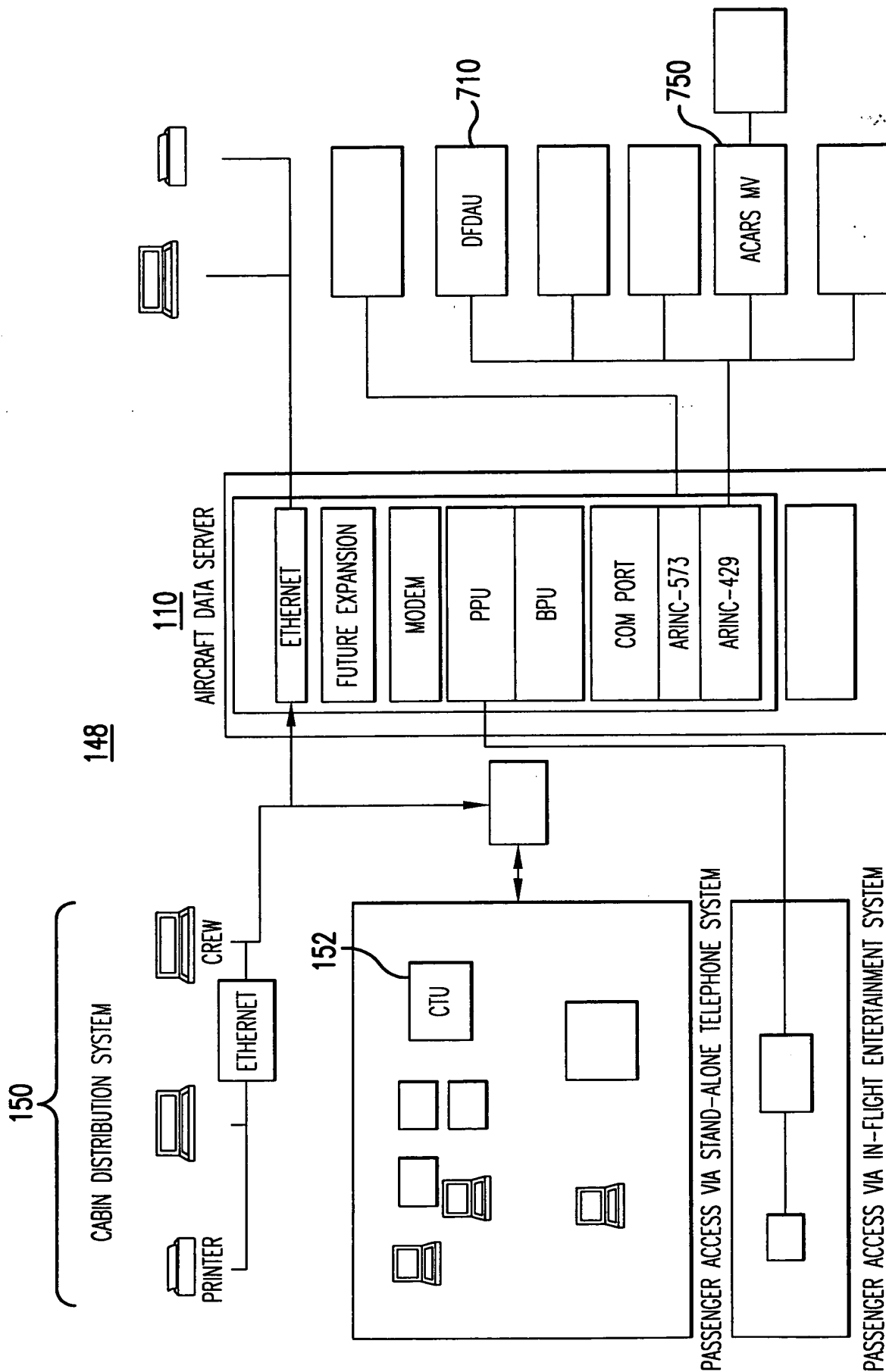


FIG. 7

900

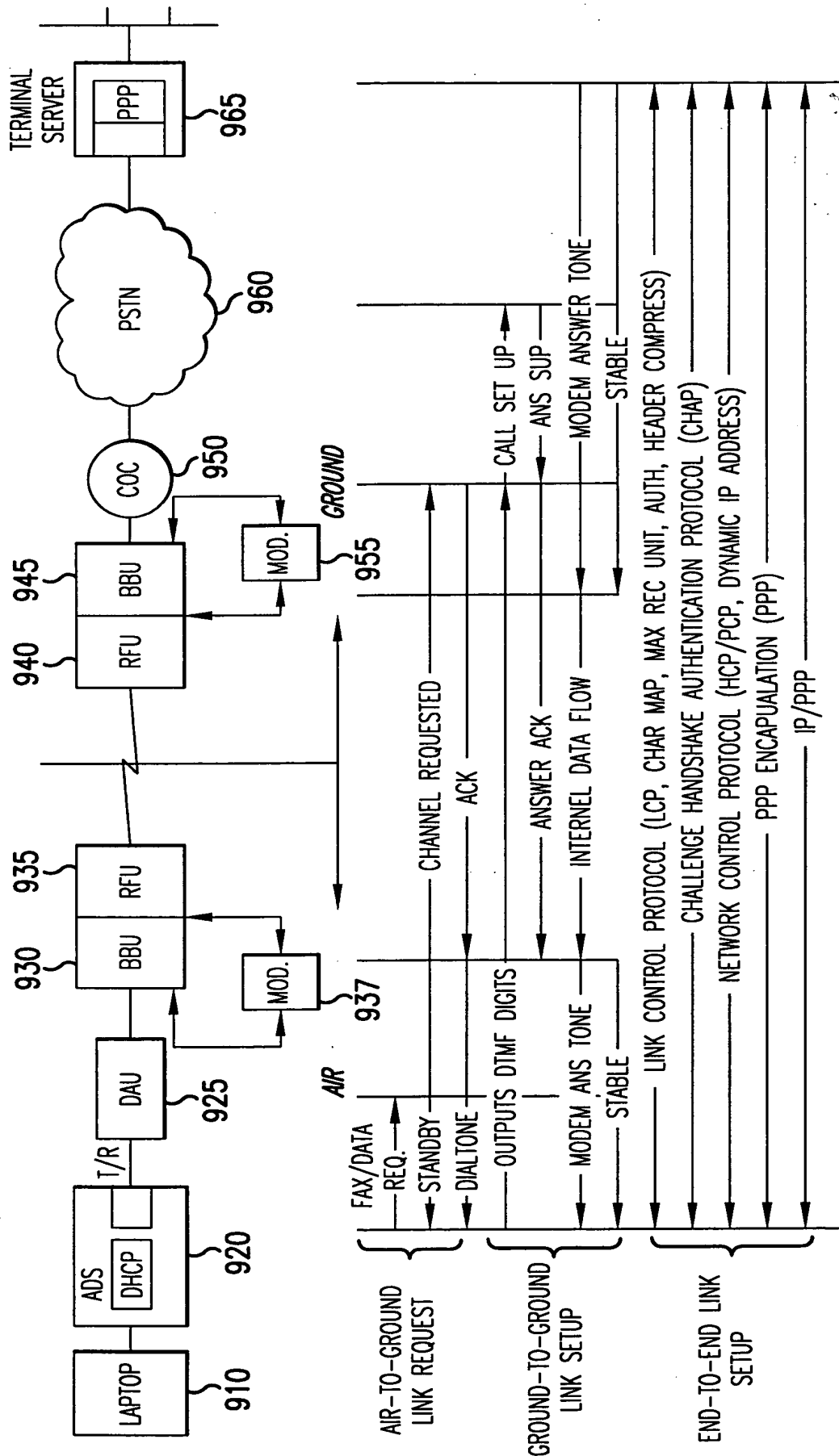


FIG. 8

FIG. 9



1000

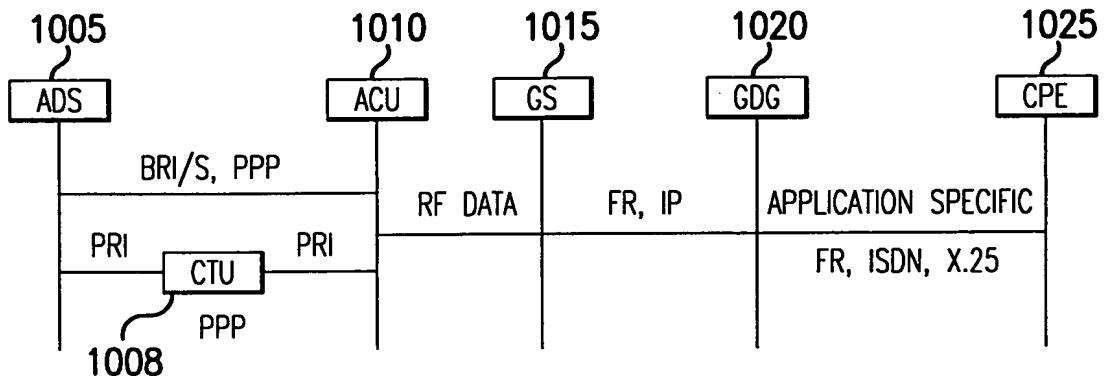


FIG.9

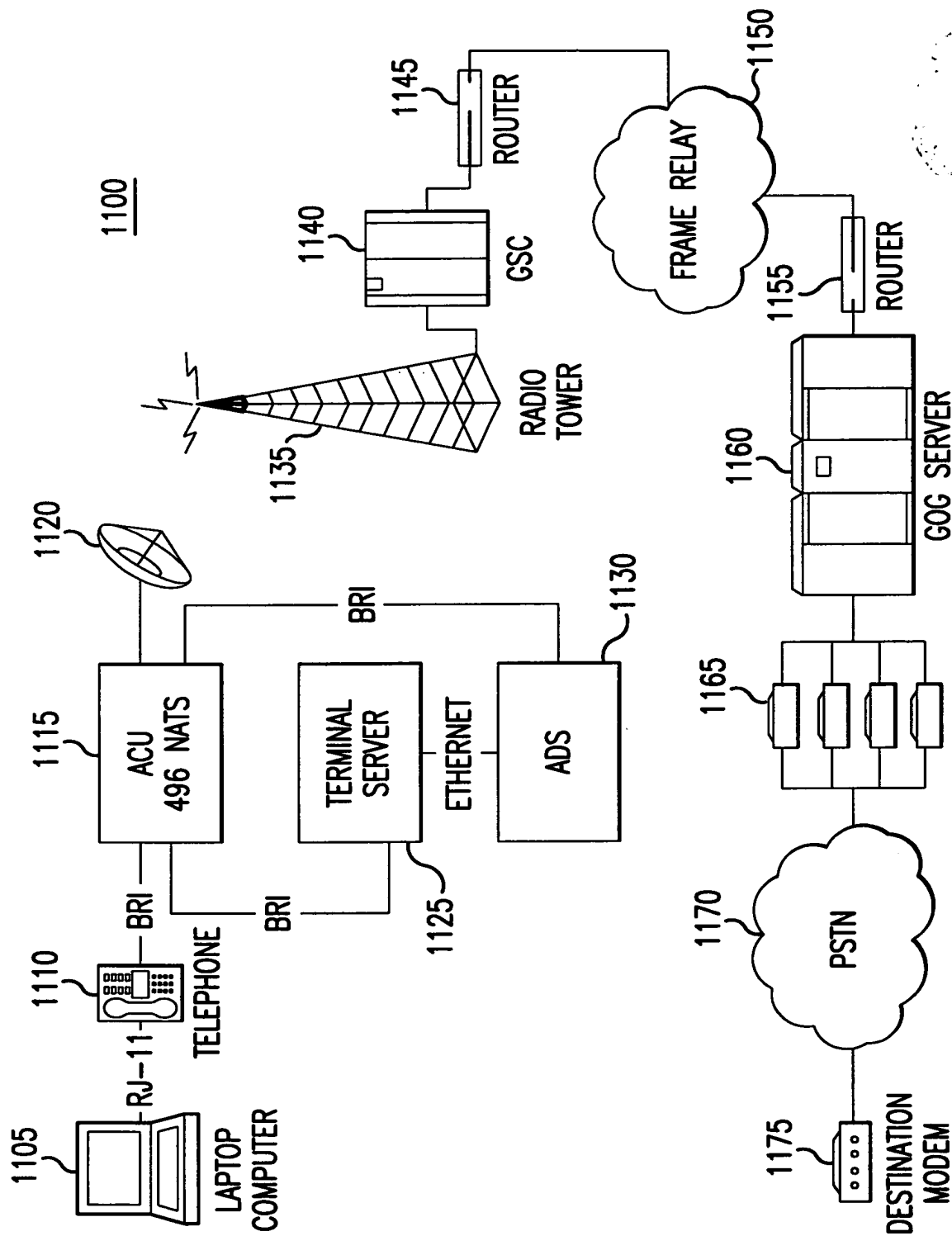


FIG.10

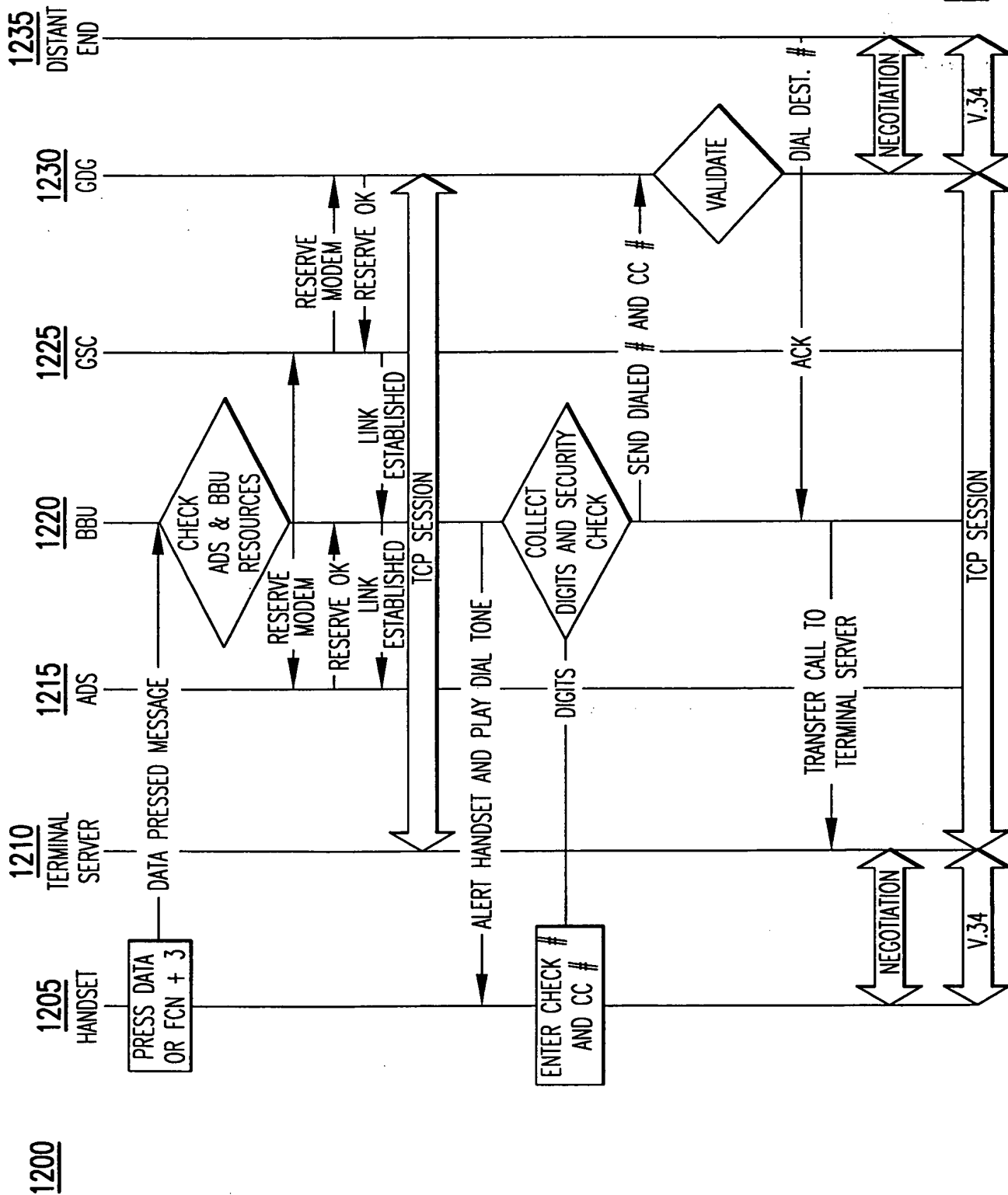


FIG. 11

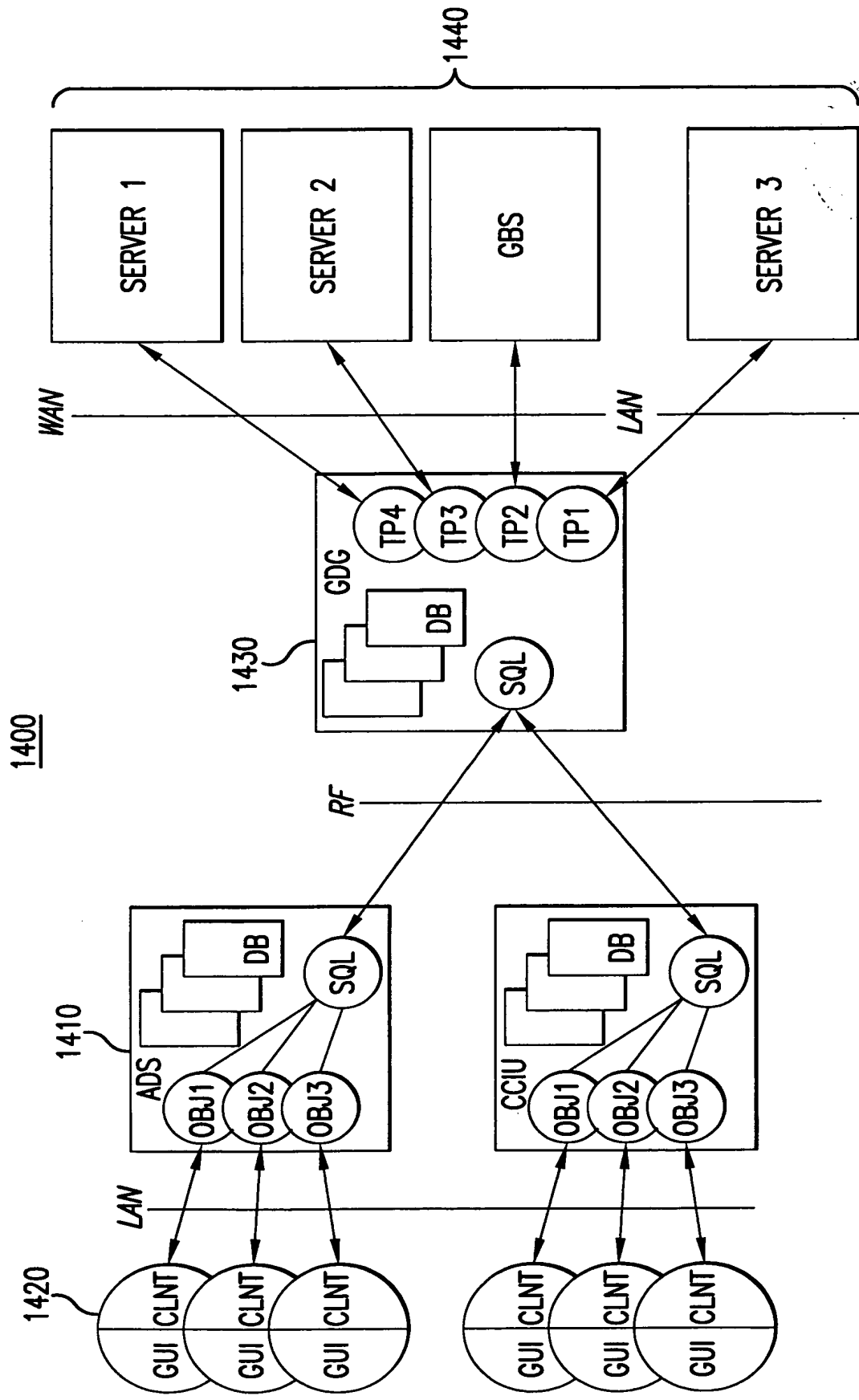


FIG.12

1500

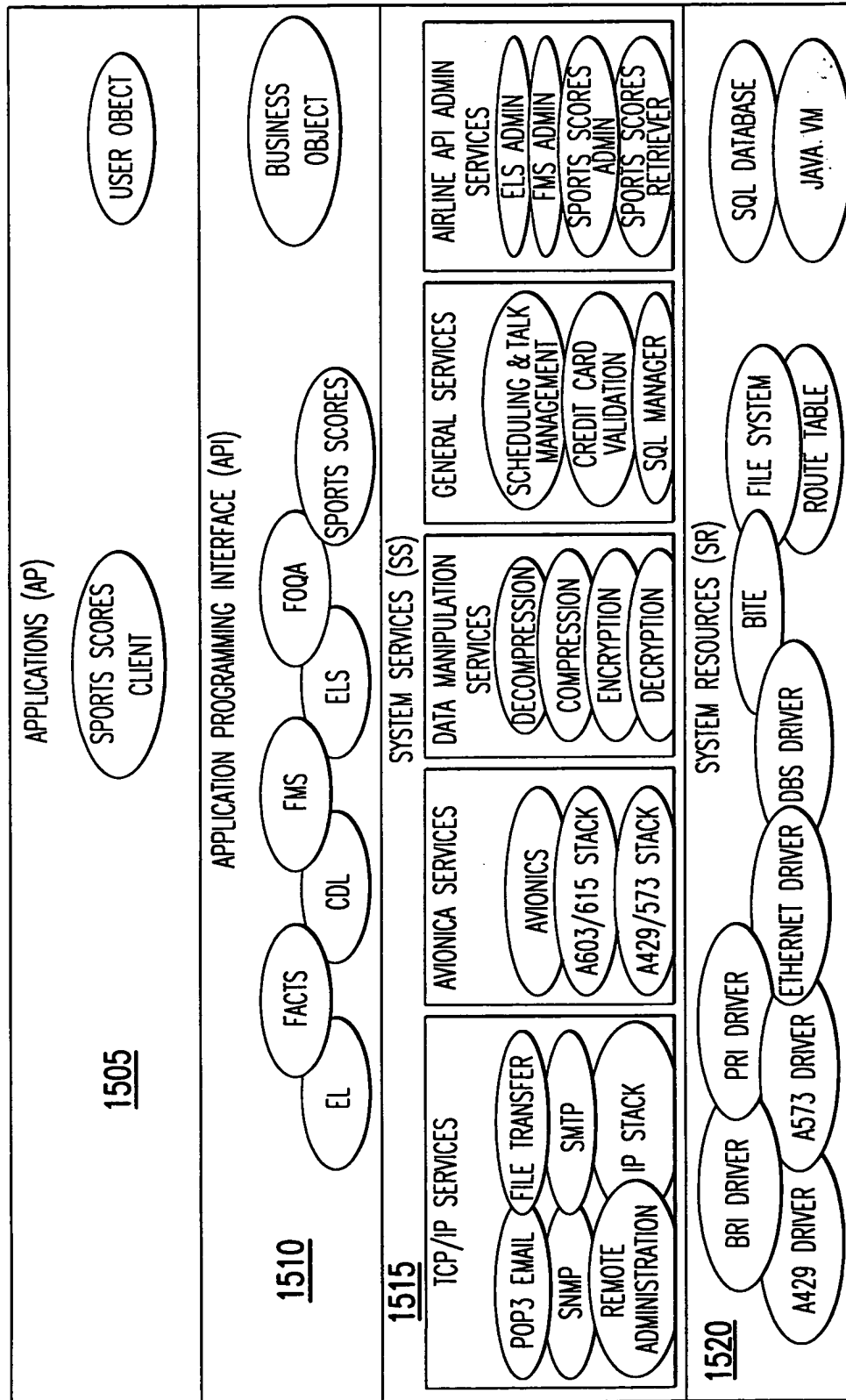


FIG. 13

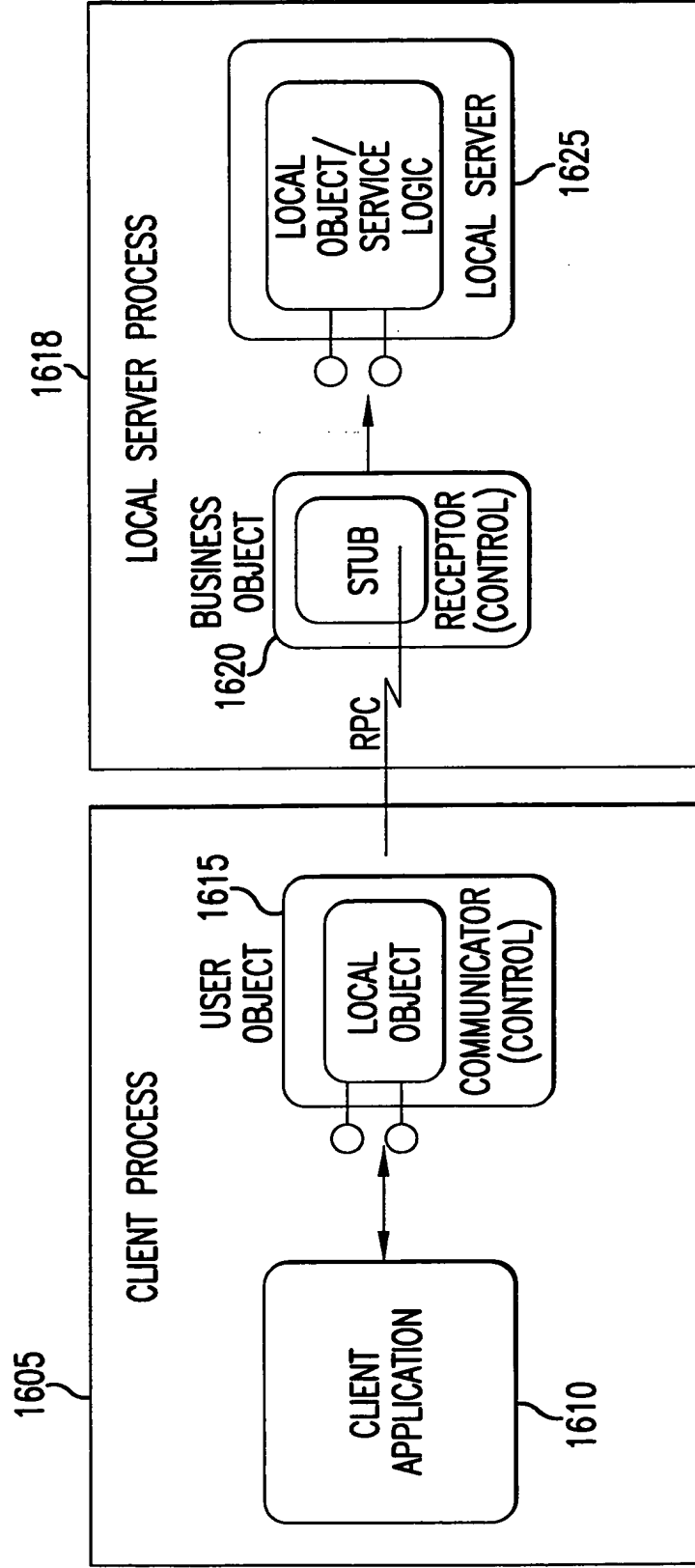


FIG. 14

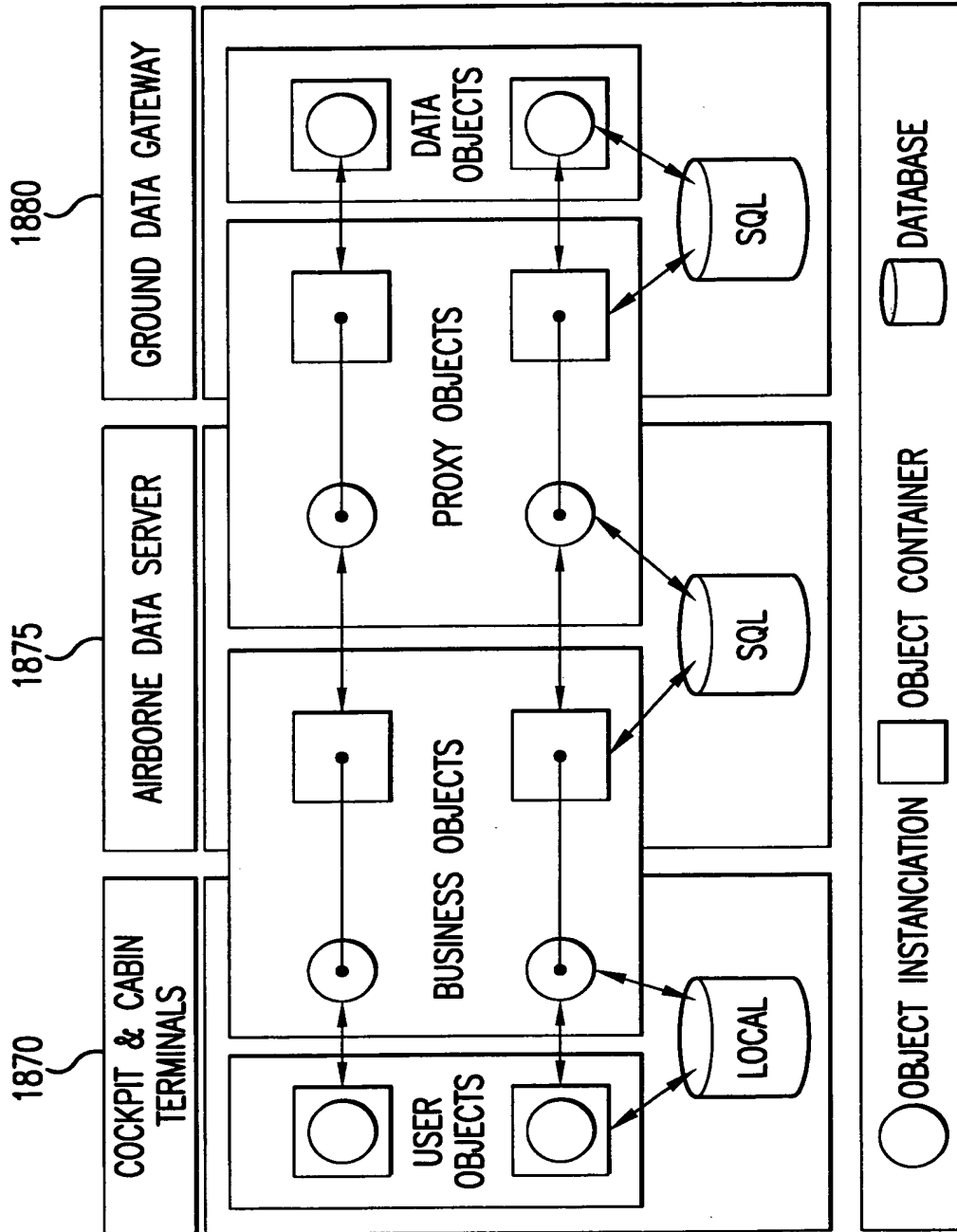


FIG. 16

FIG. 16

Property Name	Type	Allowable Value	Comment
<i>Client Control Selectable Category (SCCatAvail)</i>	List	<i>Examples⁴ are General Sports News, Major League Baseball, National Basketball Association, Men's College Basketball, Women's College Basketball, National Football League, College Football, National Hockey League, Golf, Tennis, Canadian Football League, Major League Soccer, Auto Racing.</i>	This property item specifies the individual record types that will be available for the Client Control to display selectable items. Each Sports Scores item contains its own property and can also be (de)selected via the Server Control. The Client Control can only view and make selection decision on the ones that are selected (enabled) here.
<i>Maximum Number of Client Selectable Category (SCMaxCatSel)</i>	Int	0-Number of Server Control Selected Category. Default: Number of Selected Category.	This property specifies the upper limit of how many sports scores categories the Client can select. (SCMaxCatSel is less or equal to the total number of SCCatAvail)
<i>Maximum number of Client Connection (SCMaxConn)</i>	Int	0-256. Default: 16	This property specifies how many call instances can be created.
<i>Cost (SCCost)</i>	char	1-High, 0-Low. Default is 0. Numbers in ASCII	This parameter determines the permissible transmission type. 1-High is specified, overflow to SATCOM is allowed if NATS is not available.
<i>Priority (SCPrio)</i>	char	1-High, 0-Low. Default is 0. Numbers in ASCII	This parameter determines the priority of the delivery. High priority job is placed ahead of the queue. Job with the same level of priority are processed on the FCFS basis.

ADMINISTRATIVE PROPERTY FOR SPORTS SCORES

FIG.17

Property Name	Type	Allowable Value	Comment
<i>Category List</i> (<i>CCCatList</i>)	List	<i>Examples⁵ are General Sports News, Major League Baseball, National Baseball Association, Men's College Basketball, Women's College Basketball, National Football League, College Football, National Hockey League, Golf, Tennis, Canadian Football League, Major League Soccer, Auto Racing.</i>	This property describes the selectable sports score items. Each Sports Scores item contains its own property. Once the item is selected, the property of the item is displayed and can be modified by the user. Example of the sub-property item is the list of selectable teams to retrieve the sports scores for or the option to download images.
<i>On-Demand Update</i> (<i>CCODUpdate</i>)	Bool	<i>True or False. Default: False</i>	This property specifies weather query for the existing data available on the server or to get the latest scores from the GDC.
<i>Cost</i> (<i>CCCost</i>)	char	<i>1-High, 0-Low. Default is 0. Numbers in ASCII. Valid only when CCODUpdate is true.</i>	This property determines the permissible transmission type. This overrides the Server side property and is only available to client control with privilege.
<i>Priority</i> (<i>CCPrio</i>)	char	<i>1-High, 0-Low. Default is 0. Numbers in ASCII. Valid only when CCODUpdate is true.</i>	This parameter determines the priority of the delivery. This overrides the Server side property and is only available to client control with privilege.

FIG.18

TABLE 2-CLIENT CONTROL PROPERTY FOR SPORTS SCORES API

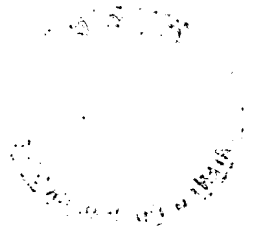
Property Name	Type	Allowable Value	Comment
<i>Locator Database (RCDatabase)</i>	List	Each record contains: 4. Category, SQL Port, SQL Script Index, etc.	This item is a manifest of the locator database and contents are editable via this property.
<i>Update Schedule (RCSchedule)</i>	Char	0-ADS own schedule, 1-Custom schedule, 2-No scheduled update.	ADS schedule is a special custom schedule that has been fine tuned for airline. The Custom schedule allows the System Administrator to create his/her own schedule. No Schedule is used to disable the schedule update. The update is always on-demand. When Custom is chosen, a separate property describing tunable items is available for modification.
<i>Update All (RCUpdateAll)</i>	Bool	True or False. Default: False	This field, if is true, will instruct the Retriever to update all the sports scores. This property is used along with the On-Demand Update Method.
<i>Update List (RCUpdateList)</i>	Bool	True or False. Default: False	This field, if is true, will instruct the Retriever to update the sports scores based on List describing below. This property is used along with the On-Demand Update Method and is mutually exclusive with <i>RCUpdateAll</i> .
<i>Category List (RCCallList)</i>	List	Examples are <i>General Sports News</i> , <i>Major League Baseball</i> , <i>National Baseball Association</i> , <i>Men's College Basketball</i> , <i>Women's College Basketball</i> , <i>National Football League</i> , <i>College Football</i> , <i>National Hockey League</i> , etc.	This property describes the sports scores items for retrieval. Each Sports Scores item contains its own property. This property is valid only if <i>RCUpdateList</i> is true.

TABLE 3-RETRIEVER CONTROL PROPERTY FOR SERVER

Method Name	Comment
<i>Update Property</i> (<i>SMUpdateP</i>)	This method allows the Admin SS to activate the properties specified in Section 5.1.1.1.
<i>Update All</i> (<i>SMUpdate</i>)	This privileged method is used to update all the sports scores records against the Cached Database on GDG. The associated property is described in Section 5.1.1.2.
<i>Update List</i> (<i>SMUpdateList</i>)	This method, combined with the property described in Section 5.1.1.2, is used to update only the records specified on the list.

TABLE 4-SERVER SIZE METHODS FOR SPORTS SCORES API

FIG.20



Method Name	Comment
<i>Update List</i> (<i>CMUpdateList</i>)	This method, combined with the property described in Section 5.1.1.2, is used to update only the records specified on the list against the database on the GDG.
<i>Get List</i> (<i>CMGetList</i>)	This method, combined with the property described in Section 5.1.1.2, is used to get only the records specified on the list against the database on ADS.

TABLE 5-CLIENT SIDE METHODS FOR SPORTS SCORES API

FIG.21

